

### AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning on line 25 of page 5 as follows:

It will be appreciated that in derivatives of LT-A, such as fragments, or in LT-A proteins of different *E. coli* strains, the amino acid residue to be mutated is that which corresponds to Ala-72 as defined for LT-A in Domenighini et al. [Molec. Microbiol. (1995) 15:1165-1167]. Ala-72 is located on the second turn of the alpha-helix in LT-A and faces the NAD binding site. An alignment of amino acid sequence entries for enterotoxin A subunits is shown in Figure 1 of Domenighini and reproduced as FIG. 12 herein. The correct sequences of LT<sub>p</sub>, LT<sub>h</sub>, LT-IIa and LT-IIb as given in Domenighini are as follows:

LT<sub>p</sub>:

NGDRLYRADSRPPDEIKRSGLMPRGHNEYFDRQTQMNINLYDHARGTQTGFVRY  
DDGYVSTSLSRSAHLAGQSILSGYSTYYIYVIATAPNMNVNDVLGVSPHPYEQE  
VSALGGIPYSQIYGWYRVNFGVIDERLHRNREYRDRYYRNLNIAAPAEDGYRLAGFP  
PDHQAWREEPWIHHAPQGCGNSSRTITGDTCNEETQNLSTIYLREYOSKVKRQIFSD  
YQSEVDIYNRIRDEL (SEQ ID NO:1)

LTh:

NGDKLYRADSRPPDEIKRSGLMPRGHNEYFDRQTOMNINLYDHARGTQTGFVRY  
DDGYVSTSLSRSAHLAGQSILSGYSTYYIYVIATAPNMNVNDVLGVSPHPYEQE  
VSALGGIPYSQIYGWYRVNFGVIDERLHRNREYRDRYYRNLNIAAPAEDGYRLAGFP  
PDHQAWREEPWIHHAPQGCGNSSRTITGDTCNEETQNLSTIYLRKYOSKVKRQIFSD  
YQSEVDIYNRIRNEL (SEQ ID NO:2)

LT-IIa:

NDFFRADSRTPDEIRRAGGLLPRQQEAYERQTPININLYEHARGTVGNTRYNDG  
YVSTTVTLRQAHLIGQNILGSYNEYIYVVAPAPNLFDVNGVLGRYSPYPSENEFAA  
LGGIPLSQIIGWYRVSGAIEGGMQRNRDYRGDLFRGLTVAPNEDGYQLAGFPSNFP

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2302-0342.10

AWREMPWSTFAPEQCVNNKEKGGVCISATNVLSKYDLMNFKKLLKRRALTF  
MSEDDFIGVHGERDEL (SEQ ID NO:3)

LT-IIb:

NDYFRADSRTPDEVRRSGGLIPRGQDEAYERQTPININLYDHARGTATGNTRYNDG  
YVSTTTLRQAHFLGQNMLGGYNEYIYVVAAAPNLFDVNGVLGRYSPYPSENEF  
AALGGIPLSQIIGWYRVSGAIEGGMHRNRDYRRDLFRGLSAAPNEDGYRIAGFPDG  
FPAWEEVPWREFAPNSCLPNNKASSDTTCASLTNKLSQHDLADFKKYIKRKFTLMR  
INNDGFFSNNGGKDEL (SEQ ID NO:4)